

AMENDMENTS TO THE CLAIMS

Please cancel Claims 3, 4, and 43-50 without prejudice.

Please amend Claim 1 as follows:

1. (Currently amended) A composition for inhibiting inducible COX-2 activity, comprising a pharmaceutical grade CO₂ extract of hops and a pharmaceutically acceptable carrier;

~~wherein said composition is formulated for administration for bioavailability to produce a serum or target tissue concentration of alpha acid and/or beta acid components in a range of about 0.005 to 10,000 ng/mL; and~~

wherein said composition is formulated into a form selected from the group consisting of capsule, tablet, injectable solution, injectable suspension, spray solution, spray suspension, and lotion, ~~and food~~.

2. Cancelled

3. Cancelled

4. Cancelled

5. Cancelled

6. (Original) The composition of Claim 1 formulated in a pharmaceutically acceptable carrier.

7. (Original) The composition of Claim 1, further comprising one or more members selected from the group consisting of antioxidants, vitamins and minerals.

8. (Original) The composition of Claim 1, further comprising one or more members selected from the group consisting of proteins, fats, carbohydrates, glucosamine, chondrotin sulfate and amino sugars.

9. (Previously amended) The composition of Claim 1, wherein the pharmaceutical grade CO₂ extract of hops comprises 30 to 60 percent alpha acids and 15 to 45 percent beta acids.

10. Cancelled

11. Cancelled

Conc
C1
12. (Original) The composition of Claim 9 wherein the alpha acid is selected from the group consisting of humulone, cohumulone, isohumulone, isoprehumulone, hulupone, adhumulone, xanthohumol A, and xanthohumol B.

13. (Original) The composition of Claim 9 wherein the beta acid is selected from the group consisting of lupulone, colupulone, tetrahydroisohumulone, and hexahydrocolupulone.

14. Cancelled

15. (Original) The composition of Claim 9 formulated in a pharmaceutically acceptable carrier.

16. (Original) The composition of Claim 9, further comprising one or more members selected from the group consisting of antioxidants, vitamins and minerals.

17. (Original) The composition of Claim 9, further comprising one or more members selected from the group consisting of proteins, fats, carbohydrates, glucosamine, chondrotin sulfate and amino sugars.

Claims 18-50. Cancelled
